

FIGURE 1

300 ↗

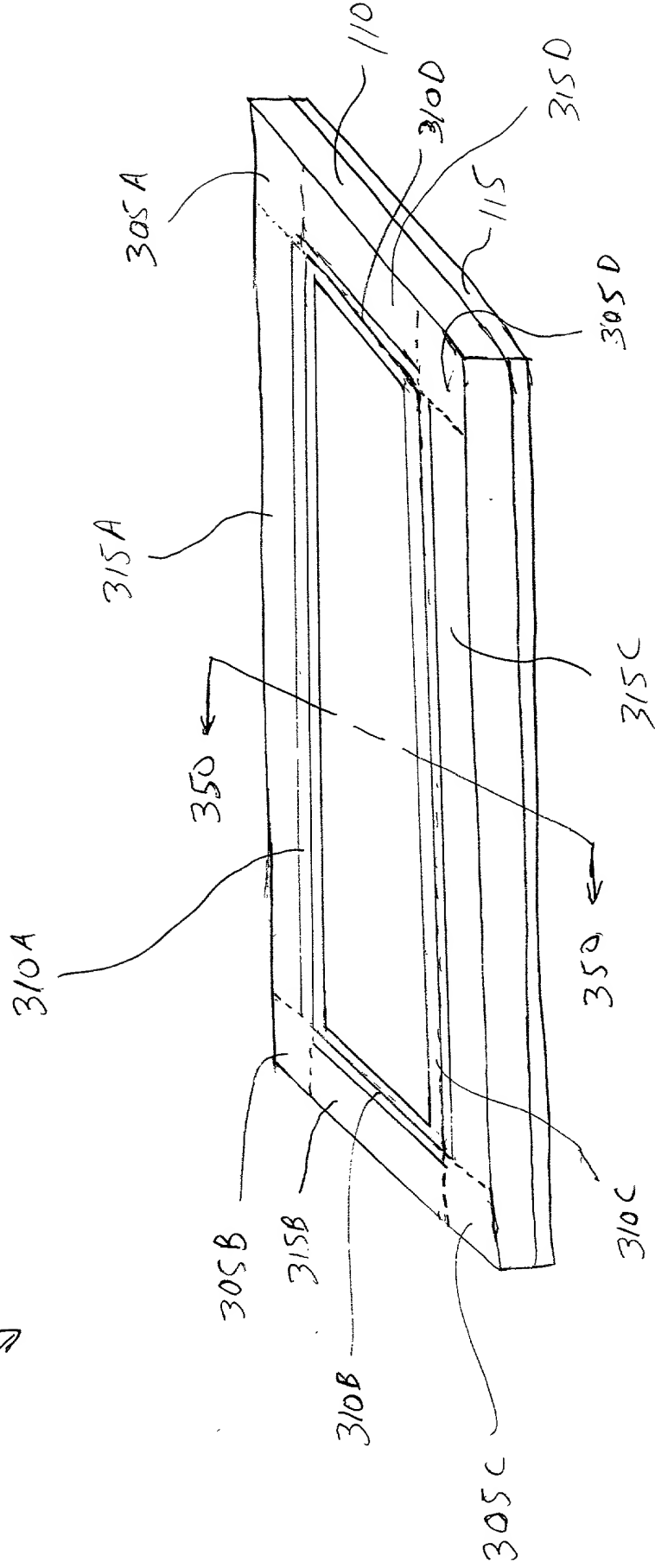


FIGURE 3A

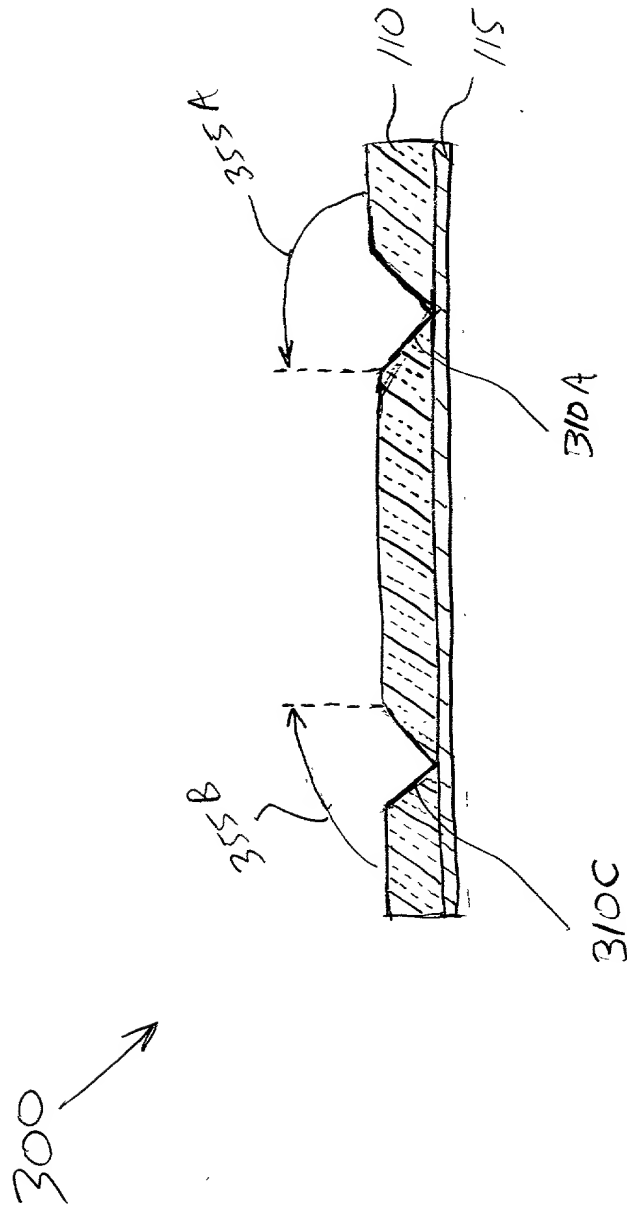


FIGURE 3B

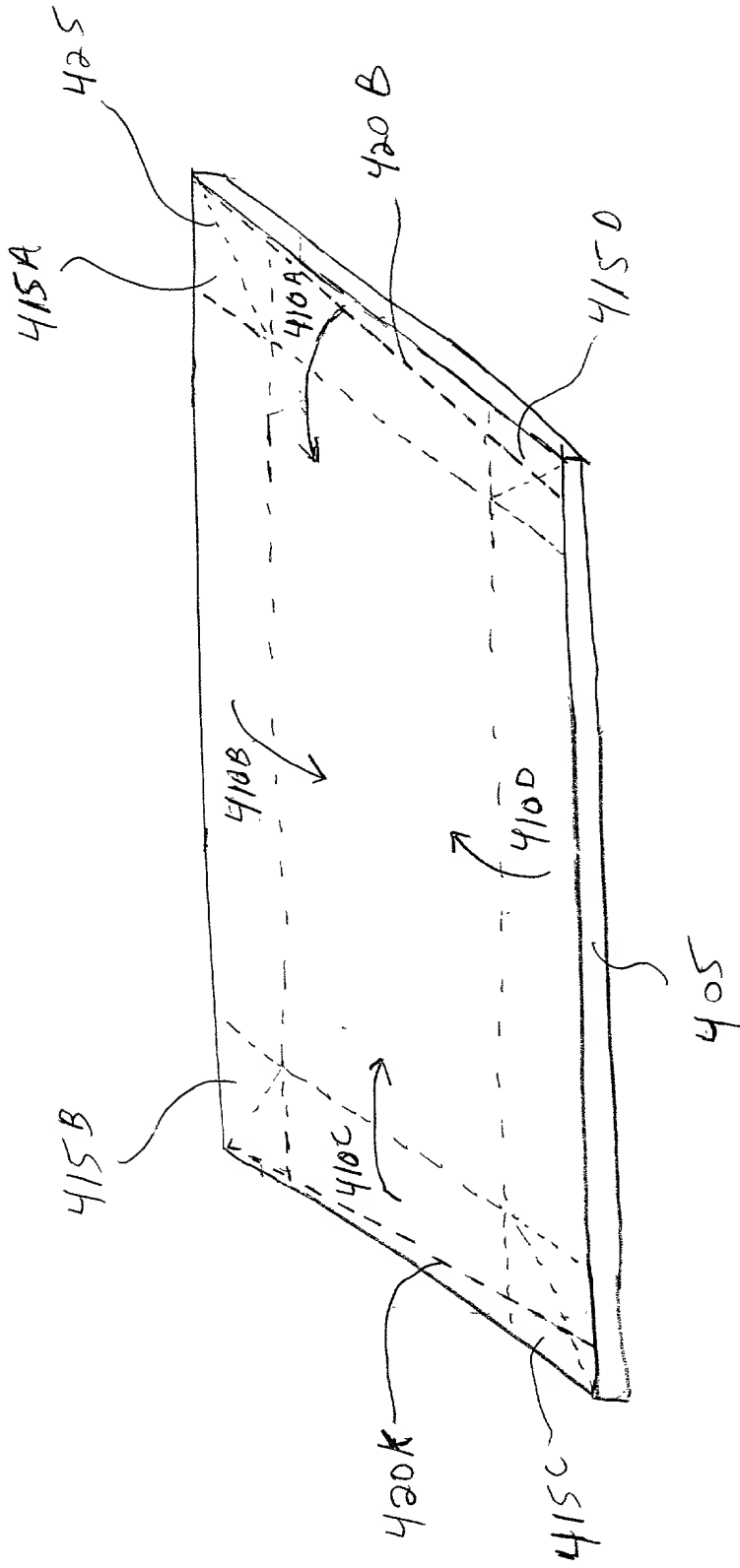


FIGURE 4A

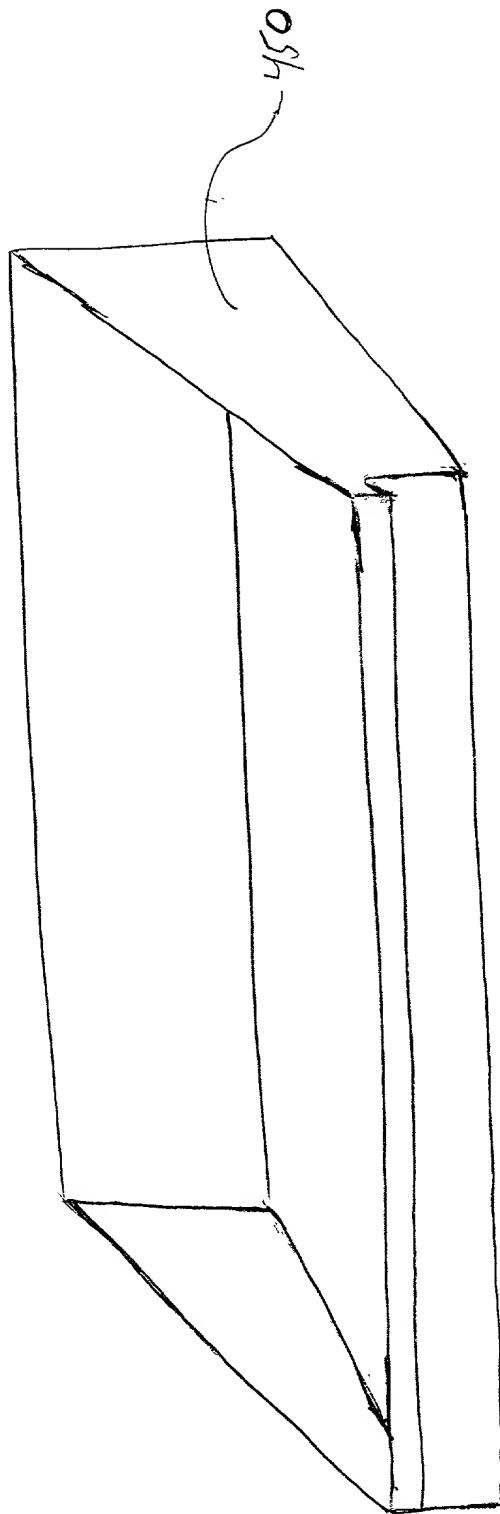
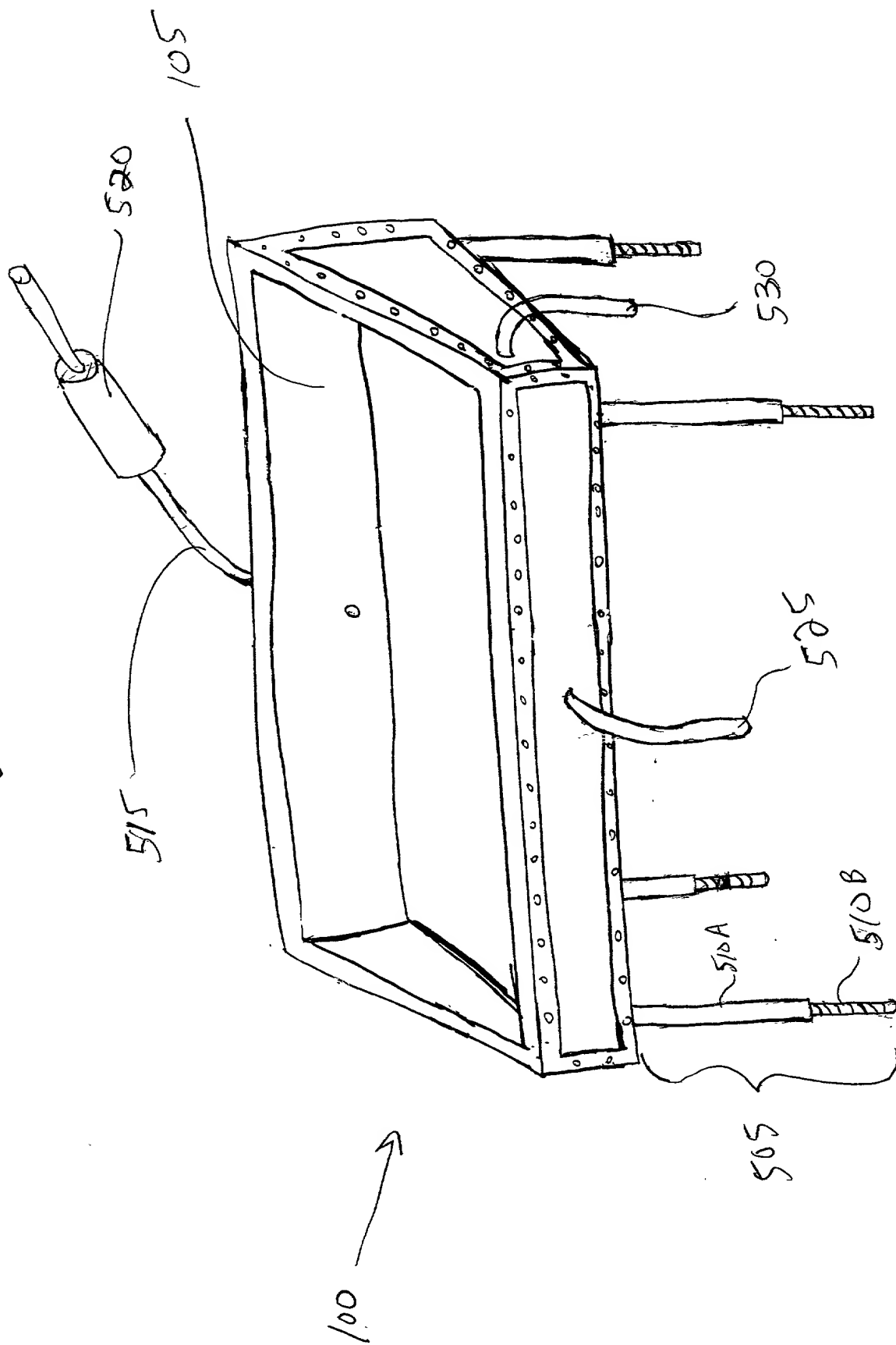


FIGURE 4B

Figure 5



Form an aluminum sided insulation sheet with notched out corners and grooves for folding sides.

605

Fold notched ends of aluminum sided basin casing material to form sides of the basin.

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Attach frame material to the outside of the basin.

615

Attach insulation strips to the inside bottom surface of the basin casing material.

620

Attach layer of insulation material to the top surface of the insulation strips

625

Attach a strip of insulation with an angled top surface to a wall of the basin to act as a collection trough for distilled liquid.

630

Put extruded or molded membrane on the inside surface of the basin

635

Attach glass to top of the still casing so as to seal tightly to the basin casing

640

FIGURE 6

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705 Orient the still so the glass top is directed towards the sun.

710 Level the still so that when water is placed in the basin it will be equally distributed across the floor of the basin

715 Install a feedwater supply

725 Attach a collection device to the output of the still

730 Flush the still daily with three or more times the amount of water produced by the still so as to flush out all salts and minerals left behind from the previous days operation.

745 Retill still with water daily.

735 Does the inside of the glass top have residue formed on it?

Yes

Remove, turnover, and reseal glass top to basin

740

FIGURE 7